

California OES Weather Threat Briefing

Wednesday, July 31, 2019
9:00 AM PDT

Day 1: Hot with moderate heat risk impacts and a slight chance of thunderstorms over portions of the Southern Region. No significant weather elsewhere.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



WEATHER KEY POINTS

07/31/19 - 08/06/19

Wednesday-Thursday

- Warm, breezy, and dry conditions will continue to produce elevated fire weather concerns for portions of the inland areas
- Hot in the Southern Region deserts with moderate heat risk impacts Wednesday and Thursday
- A cooling trend will start to significantly reduce heat impacts across much of the rest of the state
- Monsoon moisture will bring a slight chance of showers and thunderstorms to portions of the Southern Region mountains Wednesday. Little to precipitation is expected

Friday-Monday

- A warming trend begins Friday with heat risk impacts increasing over portions of the Southern and Inland Regions through early next week, with the hottest conditions expected Sunday and Monday
- Dry conditions expected Friday through early next week as monsoon moisture decreases

Tuesday

- A slight decrease in temperatures with moderate heat impacts continuing in portions of the San Joaquin Valley and desert portions of the Southern Region



CALIFORNIA WEATHER IMPACTS

07/31/19 - 08/06/19

<u>Hazards / Day</u>	WED	THU	FRI	SAT	SUN	MON	TUE
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Southern						
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions	All Regions
Heat Risk		Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heavy Rain / Flash Flooding / Debris Flow							
Extreme Cold							



No Impacts



Minimal Impacts

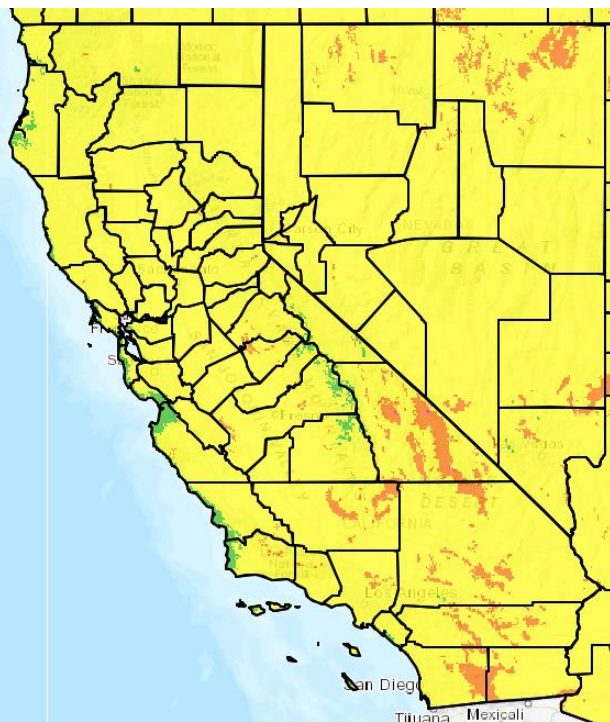


Moderate Impacts

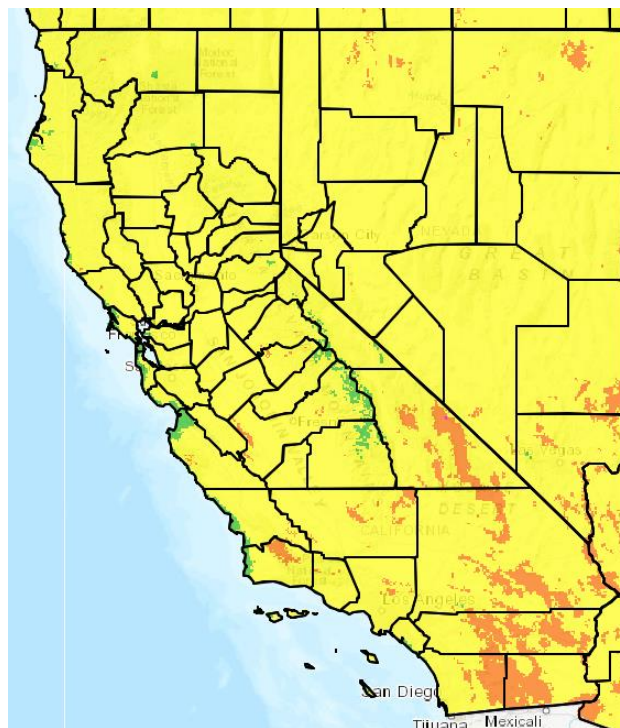


Severe Impacts

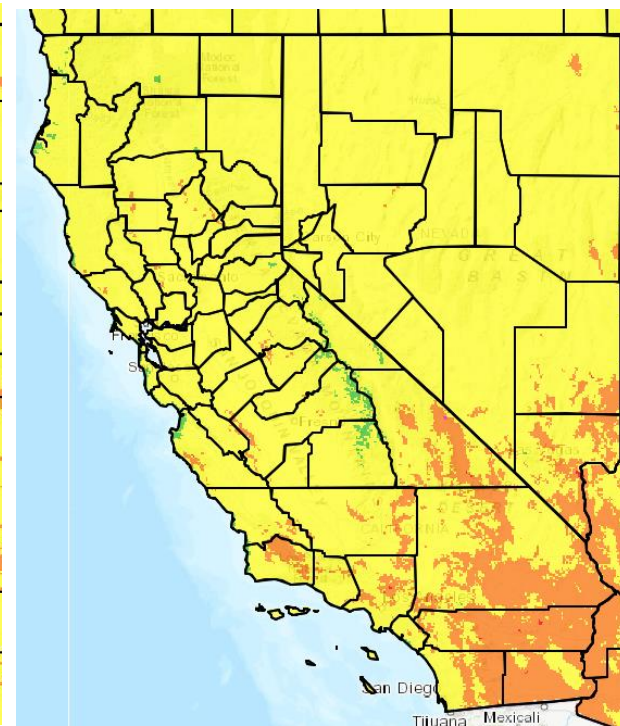
EXPERIMENTAL HEAT RISK FORECAST



Wednesday, July 31



Thursday, August 1



Friday, August 2

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight

<https://www.wrh.noaa.gov/wrh/heatrisk/>



PRECIPITATION FORECAST

No significant precipitation is expected over the next 3 days

Precipitation (inches)



WEATHER OUTLOOK

08/05/19 - 08/13/19

6-10 Day Outlook (August 5 – August 9)

Temperatures

- Above normal temperatures favored across the state

Precipitation

- Equal chances of above or below normal precipitation across the state

8-14 Day Outlook (August 7 – August 13)

Temperatures

- Above normal temperatures favored in the Coastal Region, with equal chances of above or below normal temperatures elsewhere

Precipitation

- Equal chances of above or below normal precipitation across the state



Information provided by:

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